

For Research Use Only

MEN1 Polyclonal antibody

Catalog Number: 15159-1-AP

1 Publications



Basic Information

Catalog Number:

15159-1-AP

Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 440 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7253

GenBank Accession Number:

BC002544

GeneID (NCBI):

4221

UNIPROT ID:

O00255

Full Name:

multiple endocrine neoplasia I

Calculated MW:

68 kDa

Observed MW:

63-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : HepG2 cells, HeLa cells, Jurkat cells

IP : HEK-293 cells,

IF/ICC : HeLa cells,

Background Information

MEN1, also named as Menin or MEAI, is a tumor suppressor protein encoded by the MEN1 gene. Its inactivation has been implicated in tumors of many endocrine tissues. Germline inactivating mutations of MEN1 gene are the main cause of multiple endocrine neoplasia type 1 (MEN1), a syndrome characterized by tumors in the pituitary gland, the parathyroid glands, and the enteropancreatic neuroendocrine tissues. Recent study shows astroglia menin deficiency leads to depressive-like behaviors in mice

Notable Publications

Author	Pubmed ID	Journal	Application
Fenfei Liang	38905100	Cell Rep	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

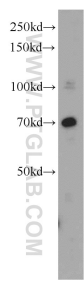
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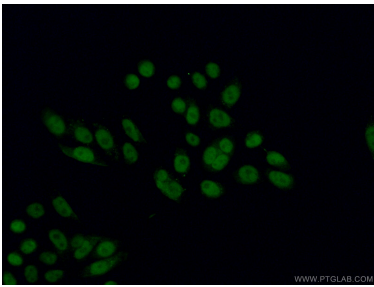
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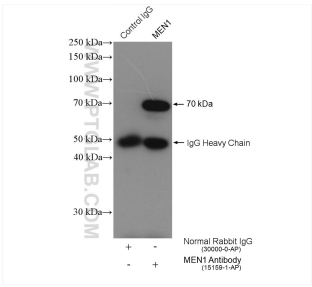
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 15159-1-AP (MEN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 15159-1-AP (MEN1 antibody) at dilution of 1:50 and CoraLite488-Conjugated Goat Anti-Rabbit IgG(H+L).



IP result of anti-MEN1 (IP:15159-1-AP, 4ug; Detection:15159-1-AP 1:500) with HEK-293 cells lysate 1320 ug.